## CLAIMS

What is claimed is:

1	<ol> <li>A method to be performed by a data processing system comprising:</li> </ol>
2	providing distributed queuing of workflows, whose execution is requested by one
3	or more execution-requesting clients, among a plurality of workflow engines; and
4	if a workflow is completed by a first workflow engine for an execution-requesting
5	client, sending an explicit and delayed acknowledgement to the execution-requesting
6	client, else assigning the workflow to a second workflow engine.

- The method recited in claim 1, wherein providing is performed by a load
  manager.
- 1 3. The method recited in claim 2, wherein the load manager comprises a commercially available middleware product.
- The method recited in claim 1, wherein the explicit and delayed acknowledgement is performed by a certified messaging capability.
- The method recited in claim 4, wherein the certified messaging capability
   is performed by a load manager.
- The method recited in claim 4, wherein the load manager comprises a commercially available middleware product.
- The method recited in claim 4, wherein the certified messaging capability is performed by a certified message receiver forming part of the workflow.

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1	8. The method recited in claim 4 and further comprising:
2	the certified messaging capability sending an explicit and delayed
3	acknowledgement to the execution-requesting client if the workflow is completed by the
4	second workflow engine.
1	9. A method to be performed by a computer network comprising a plurality
2	of clients and a plurality of workflow engines:
3	providing distributed queuing of workflows, whose execution can be requested by
4	one or more execution-requesting clients, among the plurality of workflow engines; and
5	determining whether a workflow has been completed by a first workflow engine
6	on behalf of an execution-requesting client; and
7	if so, sending an explicit and delayed acknowledgement to the execution-
8	requesting client;
9	otherwise, assigning the workflow to a second workflow engine.
1	10. The method recited in claim 9, wherein providing is performed by a load
2	manager.
1	11. The method recited in claim 10, wherein the load manager comprises a
2	commercially available middleware product.
1	12. The method recited in claim 9, wherein sending is performed by a
2	certified messaging capability.
1	13. The method recited in claim 12, wherein the certified messaging
2	canability is performed by a load manager

commercially available middleware product.

The method recited in claim 12, wherein the load manager comprises a

1	1 15. The method recited in claim 12, wherein the certified me	ssaging
2	2 capability is performed by a certified message receiver in the workflow.	
1	1 16. The method recited in claim 12 and further comprising:	
2	2 the certified messaging capability sending an explicit and delayer	d
3	acknowledgement to the execution-requesting client if the workflow is completed by the	
4	second workflow engine.	
1	<ol> <li>A computer adapted for use in a computer network comp</li> </ol>	rising a plurality
2	2 of workflow engines, the computer executing a computer program, the computer program.	computer
3	3 program operating the computer in a fault-tolerant manner and comprisi	ng the operations
4	4 of:	
5	5 requesting a workflow execution on behalf of a client;	
6	a distributed queuing capability assigning the workflow execution	on to a first
7	7 workflow engine;	
8	8 determining whether the workflow execution has been complete	d by the first
9	9 workflow engine; and	
0	o if so, sending an explicit and delayed acknowledgement to the c	ient;
1	1 otherwise, assigning the workflow execution to a second workflow	ow engine.
1	1 18. The computer recited in claim 17, wherein requesting is	performed by a
2	2 load manager.	

- 1 19. The computer recited in claim 17, wherein sending is performed by a certified messaging capability.
- 1 20. The computer recited in claim 19, wherein the certified messaging 2 capability is performed by a certified message receiver in the first workflow engine.

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2	the certified messaging capability sending an explicit and delayed
3	acknowledgement to the client if the workflow execution is completed by the second
4	workflow engine.
1	22. A computer network comprising:
2	a plurality of clients;
3	a plurality of workflow engines; and
4	at least one computer program, the computer program operating the computer
5	network in a fault-tolerant manner and comprising the operations of:
6	requesting a workflow execution on behalf of a client;
7	a distributed queuing capability assigning the workflow execution to a first
8	workflow engine;
9	determining whether the workflow execution has been completed by the first
10	workflow engine; and

The computer recited in claim 19 and further comprising:

- 23. The computer network recited in claim 22, wherein requesting is performed by a load manager.
- 1 24. The computer network recited in claim 22, wherein sending is performed 2 by a certified messaging capability.

if so, sending an explicit and delayed acknowledgement to the client;

otherwise, assigning the workflow execution to a second workflow engine.

1 25. The computer network recited in claim 24, wherein the certified
2 messaging capability is performed by a certified message receiver in the first workflow
3 engine.

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3 engine.

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1 The computer network recited in claim 24 and further comprising: 26 2 the certified messaging capability sending an explicit and delayed acknowledgement to the client if the workflow execution is completed by the second 3 workflow engine. 1 A computer-readable medium containing computer instructions for 2 instructing a processor, the processor adapted for use in a computer network comprising 3 a plurality of workflow engines, wherein the instructions comprise: 4 requesting a workflow execution on behalf of a client; 5 a distributed queuing capability assigning the workflow execution to a first 6 workflow engine; determining whether the workflow execution has been completed by the first workflow engine; and if so, sending an explicit and delayed acknowledgement to the client; otherwise, assigning the workflow execution to a second workflow engine. 10 1 28. The computer-readable medium recited in claim 27, wherein requesting is performed by a load manager. 29. The computer-readable medium recited in claim 27, wherein sending is performed by a certified messaging capability.

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The computer-readable medium recited in claim 29, wherein the certified

messaging capability is performed by a certified message receiver in the first workflow

1	31. The computer-readable medium recited in claim 29 and further
2	comprising:
3	the certified messaging capability sending an explicit and delayed
4	acknowledgement to the client if the workflow execution is completed by the second

workflow engine.

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